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LIBRARY NEWSLETTER

U. S. DEPARTMENT of AGRICULTURE

FORT WORTH BRANCH
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Vol. 2, No. 4.

October 1943.

HAVE YOU READ THIS ONE?

FOOD: A WEAPON FOR VICTORY
By Bertram Fowler
1942

"Bertram Fowler's book, the first to deal with the problem of food relief for Europe after the war is won, is extraordinary for concreteness and the courage of conviction....His book propounds a definite plan for formation of a United Nations post-war famine relief organization, to be headed by a Coordinating Committee composed of members appointed by each and every one of the Allied Nations....The United Nations famine relief organization would be empowered to purchase immense stocks of food and medical supplies, and seeds and farm machinery, from all producing countries, and arrange for their distribution in famine areas immediately upon deliverance by Allied armies. The stake that agriculture will have in any such relief program needs no emphasis....

Mr. Fowler's idea is that agricultural experts should be summoned at the very beginning to provide information concerning every producing nation of the world and to plan crop shifts and conservation methods for raising vitamin-rich and protein-rich foods with the least possible damage to the soils... He is of the opinion that (this program) would bring balance of agricultural markets, of land use and production; it would bring expansion of newer and better curing and processing methods..." This from a review in SOIL CONSERVATION. The reviewer recommends two readings; when your librarian read the book, she felt that everyone connected with agriculture and post-war planning should read it carefully and thoughtfully at least once!

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SELECTED BOOKS AND BULLETINS

Agriculture

EXPLORING TOMORROW'S AGRICULTURE, by J. W. Eaton. 1943.

Subtitle: Co-operative group farming--a practical program of rural rehabilitation. This book is the result of the author's survey of the Farm Security Administration's cooperative group farming projects and some non-governmental cooperative farm groups. Most of these experimental farms are in the South, with a few in Indiana, Nebraska, and the Dakotas. The projects were considered from the standpoint of their contributions as experiments in cooperation and democracy, experiments in planning a democracy, pilot plants for new administrative procedure, and experiments with a new kind of social-work technique such as that conducted by the Extension Service and Farm Security Administration. In the foreword, M. L. Wilson, director of USDA Extension Work, said, "Anyone interested in social inventions which may bring the better life to more people in the post-war world will benefit immensely

from reading this book." Walter Hausdorfer in his review in Library Journal said, "Informative survey but not very convincing evidence that co-operative group farming is even a good solution to rural social problems." Read it and see what you think!

Agricultural Chemistry

- "Nutritive Studies of Forage Plants," by M. C. Kik. Arkansas agri. exp. sta. June 1943. 100 Ar42(b) 434
"Seasonal Variations in the Growth and Chemical Composition of Kentucky Bluegrass," by E. M. Brown. Missouri agri. exp. sta. March 1943. 100 M693(r) 360

Agricultural Economics

WORLD TRADE IN AGRICULTURAL PRODUCTS, by H. C. and A. D. Taylor. 1943.

"This is an authoritative book in the fields of economic geography and agricultural economics, crammed with significant information, but written in just as readable a style as its subject matter permits." (Scientific Book Club Review.) It is "the first book ever to attempt a comprehensive and at the same time concise survey of the facts of world trade in agriculture, or to indicate national policies. The U. S. Department of Agriculture has cooperated with the Taylors in many practical ways to make this the most authoritative book possible on the subject....The book must prove indispensable to all concerned with a subject whose importance will increase as the great distances of the world continue to shrink." From the book cover.

Animal Diseases and Pests

- "Preliminary Observations on Hexachloroethane for Controlling the Common Liver Fluke, Fasciola Hepatica, in Cattle," by O. Wilford Olsen. Reprint 1943.
"Protecting Man and Livestock From Ticks," by Leonard Haseman and R. W. Portman. Missouri agri. exp. sta. June 1943. 100 M693(c) 271

Bibliographies

"Agricultural Labor in the United States, July 1941-February 1943." Library list No. 4, April 1943.

"Bibliography of Agriculture."

This bibliography, which was formerly issued in six separate parts, now comes in one volume each month. Each issue includes three parts--Part I, publications received in the U. S. D. A. Library (USDA publications, state experiment and extension service publications, books, pamphlets, and serials); Part II, periodical literature (arranged by subjects); Part III, author and subject index. The Bibliography of Agriculture is intended to make the subject matter of all the periodicals received currently in the Department Library (12,000 in number), as well as of books and pamphlets, available within a month of the time they are received.

And all of this material is available to you to assist in your work. If you are not now receiving the Bibliography of Agriculture each month and would like to be placed on the mailing list, please let us know.

"Diseases of Poultry." List compiled in Fort Worth Branch, 1943.

"Purchasing Clothing for the Family." List compiled in Fort Worth Branch, 1943.

"Relation of Soil to Nutrition of Man and Animal." List compiled in Fort Worth Branch, 1943.

"Rural Health, With Special Reference to Protection from Contagious Diseases." List compiled in Department Library, 1943.

"Rehabilitation of Low-Income Farmers." Library list No. 6, August 1943.

"Women's Land Army." List compiled in Department Library.

We shall be glad to send you any of these bibliographies and to send you any of the books or bulletins listed therein that you might wish to see.

Dehydration

"Commercial Dehydration of Vegetables and Fruits in Wartime," by M. J. Drown. USDA Miscellaneous pub. September 1943. 1 Ag84M 524

Farm Labor

"How Local Communities Mobilized to Get in the Crops - 1942," U. S. Dept. of Agriculture. March 1943.

"Let's Talk About Farm Labor for the Wartime Job," U. S. Bureau of Agricultural Economics. July 1943.

"Mobilizing the Community for Farm Work," U. S. Dept. of Agriculture. May 1943.

"Questions and Answers About Making Best Use of Labor," U. S. Dept. of Agriculture. April 1943.

"Questions and Answers About Victory Farm Volunteers of The U. S. Crop Corps," U. S. Dept. of Agriculture. April 1943.

"Thumbnail Sketch of the U. S. Crop Corps," U. S. Dept. of Agriculture. May 1943.

"War and Farm Work," by R. C. Tetro and M. R. Cooper. USDA Miscellaneous pub. May 1942. 1 Ag84M 492

Farm Machinery

"Farm Tractors- Their Care, Operation and Maintenance," by M. M. Jones and L. E. Hightower. Missouri agri. exp. sta. May 1943. 100 M693(b) 468

Feeds and Feeding

"Digestion and Mineral Balance Trials on Range Cattle with Native New Mexico Range Hay, Cottonseed Meal, and Mineral Supplements," by W. L. Watkins. New Mexico agri. exp. sta. June 1933. 100 M46S(b) 212

"Increased Food For Cow--Its Effect on Wartime Beef Cattle Production and Range Forage Management," by G. W. Collier. U. S. Soil Conservation Service. 1943. 1.9608

"Mineral Supplements for Beef Cattle," by G. W. Barnes and A. L. Smith. Texas agri. ext. ser. 1942. 275.29 T312 184

"Pasture and Feed, The Foundation for Profitable Livestock," Louisiana agri. ext. ser. and exp. sta. August 1943. 275.29 L93C 248

"Seasonal Calcium and Phosphorus Requirements of Range Cattle, As Shown by Blood Analysis," by J. H. Knox and others. New Mexico agri. exp. sta. June 1941. 100 M46S(b) 282

"Sudan Pasturage for Beef Production," by G. W. Barnes and A. L. Smith. Texas agri. ext. ser. 1943. 275.29 T312 123

Forestry

EDIBLE WILD PLANTS, by O. P. Medsger. 1940.

A person lost in woods or desert with this book in his pocket need not fear death from hunger. The author describes interestingly and illustrates plainly practically every edible plant that grows wild. In addition to description of names and characteristics, he tells how to prepare and cook those not eaten raw. This book will be of use to the forester. Hunters, fishermen, and campers also will find

in it a storehouse of information. To wildlife technicians especially it will be a most valuable reference work and field guide. Although not written with this specific object, it provides an excellent key to food sources of game animals and birds. From Journal of Forestry.

FOREST MEASUREMENT, by Donald Bruce and F. X. Schumacher. 1942.

Part one of this book deals with the "Direct Measurement" of diameter, height, volume, and age. Part two is entitled "Direct Estimate by Sampling" and contains a carefully written, up-to-date chapter on sampling. Part three, "Indirect Estimate Based on One or More Independent Variables," deals primarily with graphic methods, least squares, timber cruising, and taper tables. The last section, "Prediction of Growth and Yield," contains chapters on cyclical variation and growth of timber, Growth of the tree, Growth of even-aged stands, and Growth of all-aged stands. The use of the engineer's transit as a dendrometer is one of the new features of this edition.

FOREST SOILS: ORIGIN, PROPERTIES, RELATION TO VEGETATION, AND SILVICULTURAL MANAGEMENT, by S. A. Wilde. 1942.

"All foresters dealing with any soil problems in forest planting and nursery work and in the broader field of experimental and applied silviculture will want this book....Those whose work lies in the field of pedology will find most interest in the first part, which deals with genesis of forest soils and the great soil groups of the world....To the forester dealing with applied silviculture in existing stands, forest planting, or forest nursery work, parts II, IV, and V will be of interest. Part II which deals with soil as a medium for tree growth, includes chapters on nature of forest cover and relation of forest to environment, physical and chemical properties of forest soils, organisms of forest soils, and forest humus.... Part III deals with physical, chemical, and biological analysis of soils and is essentially a compendium of present-day methods of analysis....Part IV treats of forest soils in relation to silviculture and forest management, including forest soil survey, soils and tree planting, amelioration of soils, (etc.)...Part V, on management of nursery soils, covers selection of forest nursery sites, regulation of soil moisture, use of commercial fertilizers, soiling crops, (etc.)."

"Louisiana Forest Resources and Industries," by R. K. Winters and others. USDA Miscellaneous pub. 1943. 1 Ag84M 519

Personnel

"The Development of Administrators: An Interim Report on Training in Administrative Management." June 1941. 1.917

"Employee Training Policy: Report of Committee on In-Service Training." April 1939. 1.917

"Suggestions to Supervisors For Quickly and Effectively Training New Employees and Developing Understudies." June 1942. 1.917

"Telephone Manners." 1941. 1.917

"Training Your Employees: Suggestions to Officials and Supervisors." April 1941. 1.917

"Writing Effective USDA Letters: Suggestions to Discussion Leaders." October 1941. 1.917

"Writing Effective USDA Letters: A Course in Five Sections." August 1941. 1.917

"Writing Effective USDA Reports." August 1941. 1.917

The above publications were published by the U. S. Dept. of Agriculture Office of Personnel. The library also has SMOOTH SAILING LETTERS by L. E. Frailey and WRITING EFFECTIVE GOVERNMENT LETTERS by J. F. Grady and Milton Hall. Both of these books have been very popular.

Plant Diseases and Pests

- "Cottons Resistant to Wilt and Root Knot and the Effect of Potash Fertilizer in East Texas," by P. A. Young. Texas agri. exp. sta. February 1943. 100 T31S(b) 627
- "Disease Control in the Vegetable Garden," by Charles Chupp. New York (Cornell) agri. ext. ser. June 1942. 275.29 N48E 507
- "Guide for Controlling Cotton Insects," by Cameron Siddal and J. C. Gaines. Texas agri. ext. ser. 1942. 275.29 T312C 182

Rural Sociology

- "Good Family Life.....the Democratic Way," by Dosca Hale. Texas agri. ext. ser. 1941. 275.29 T312 125
- "Migration and Status of Open-country Families in Oklahoma," by R. T. McMillan. Oklahoma agri. exp. sta. September 1943. 100 Ok4(t) 19
- "Recent Population Trends in Oklahoma," by O. D. Duncan. Oklahoma agri. exp. sta. August 1943. 100 Ok4(t) 269

Soil Conservation

- "The Effect of Slope on Soil Erosion," by H. H. Krusekopf. Missouri agri. exp. sta. April 1943. 100 M693(r) 363
- "48 Ways to Save the Soil...While Increasing Production." Oklahoma agri. ext. ser. 1943. 275.29 Ok4.10 67
- "Soybeans and Soil Conservation," by D. D. Smith. Missouri agri. exp. sta. May 1943. 100 M693(b) 469

Soils

FUNDAMENTALS OF SOIL SCIENCE, by C. E. Millar and L. M. Turk. 1943.

"This book was written primarily for use as a college text. Its 19 chapters deal with soil development, classification of soils, physical and chemical properties of soils, soil-reaction, lime and its use, soil moisture, soil organisms, soil organic matter, cover and green-manure crops, farm manures, nutrient requirements of plants, fertilizers, fertilizer practices, soil fertility maintenance, soils and agriculture of arid regions, irrigation, fruit soils, lawn soils, and soil resources ...The final chapter, soil resources, is of special interest in that it deals with the land resources of the United States, the use to which the land is being put, the population which it supports, the land required to produce the necessary food in relation to the liberality of the diet, and public policies with respect to land." From Soil Science.

"Mineralogical and Chemical Studies of Soil Formation From Acid and Basic Igneous Rocks in Missouri," by R. P. Humbert and C. E. Marshall. Missouri agri. exp. sta. January 1943. 100 M693(r) 359

PRINCIPLES OF SOIL MICROBIOLOGY, by S. A. Waksman. 2d ed. rev. 1932.

Partial contents: Methods of determining the abundance of different groups of micro-organisms found in the soil, Bacteria fixing atmospheric nitrogen, Soil algae, Soil fungi, Transformation of sulfur by microorganisms, Decomposition of organic matter in forest soils and microorganisms concerned, Microbiological analysis of soil as determined by the biological, chemical, and physical soil properties, Influence of environmental conditions and soil treatment upon microorganisms and their activities in the soil, Soil inoculation.

SOILS AND FERTILIZERS, by F. E. Bear. 3rd ed. 1942.

"This is the first text of its kind to correlate with precision the climatic

factor, soil conservation practices, and problems of choosing and applying chemical and mineral fertilizers for greatly increased yields of a wide variety of crops.... It is a bit too technical for general farmer use. But soil fertility specialists or farmers familiar with chemical terms and symbols, can use it to advantage to obtain a more workable understanding of ways and means of handling soils and crops for maximum fertility and production without loss of soil resources or waste of fertilizer materials. The careful attention to specific crops is one of the book's best features; by this means the explanations of soil phenomena, water and atmospheric conditions, and the action of fertilizing agents are closely tied in with crop requirements...(Dr. Bear incorporates) soil conservation and soil properties, crop growth requirements, and selection and application of fertilizers into a soil management plan for permanent agriculture." From Soil Conservation.

EDUCATION NEWS

Probably you have heard about the correspondence courses the Department of Agriculture Graduate School is offering for the first time this year. If you have not read the Graduate School's mimeographed explanation of the courses issued on August 23, we shall be glad to send you one of our copies.

The following courses are being offered: The Department of agriculture--its origin, structure, and functions; Federal personnel procedure; Foundation methods of presentation; Statistical methods in biology and agriculture; Least squares; Comparative world agriculture; Federal administrative management.

At present, the library has received the following books and pamphlets to be used in the courses:

BUSINESS GEOGRAPHY, by Ellsworth Huntington and F. E. Williams. Wiley. 1926.

278 H92

ECONOMIC GEOGRAPHY: A REGIONAL SURVEY, by R. H. Whitbeck and V. C. Finch. McGraw-

Hill. 1941. 278 W58

ECONOMIC GEOGRAPHY OF ASIA, by D. R. Bergsma. Prentice-Hall. 1942. 278.18 B45

ECONOMIC GEOGRAPHY OF EUROPE, by W. O. Blanchard and S. S. Visher. McGraw-Hill.

1931. 278 B59

EUROPE, by Samuel van Valkenburg and Ellsworth Huntington. Wiley. 1935. 278.17

V37

INTRODUCTION TO THE STUDY OF PUBLIC ADMINISTRATION, by L. D. White. Macmillan.

1939, 1942. 280 W582I

PUBLIC ADMINISTRATION AND THE UNITED STATES DEPARTMENT OF AGRICULTURE, by J. M. Gaus

and others. Public Administration Service. 1940. 281.12 G23

"Removal, Reduction, Suspension, and Furlough," by U. S. Civil Service Commission.

February 1941. 165 R28

"Some Landmarks in the History of the Department of Agriculture," by T. Swann Harding.

January 1942. 1.90 A2Ag8

"Washington-Field Relationships in the Federal Service," by D. C. Stone and others.

Graduate School. 1942. 1 Ag854W

YOUR FEDERAL CIVIL SERVICE, by J. A. O'Brien and Philip Marenberg. Funk & Wagnals.

1940. 249.3 Ob6

PERIODICAL NOTES

If you would like to see THE EXTENSION DIGEST published quarterly by the Extension Service of the University of Arkansas, let us know. The new issue contains articles

on ammonium nitrate as a fertilizer, canning of milk and cream on the farm, fall dipping of sheep, summary of the 1943 potato season, cotton planting seed treatment, care in handling and harvesting sweet potatoes, and other subjects.

The library receives weekly issues of FOOD AND HOME NOTES, a service primarily for the editors of women's pages. This mimeographed bulletin contains many practical suggestions for the homemaker.

At this time of national distress over juvenile delinquency, are there young people in your community who need guidance in the use of their leisure time? RECREATION, received monthly by the library, will assist community leaders in planning for the youth of the community. It also contains many suggestions for the recreation of grown-ups.

Do you read SOCIAL FORCES? It is issued four times a year and sometimes an issue will feature a special subject. For example, the March issue featured special articles on regionalism and the May issue, the war and post-war reconstruction. Some of the outstanding articles this past year have been Community Organization for War and for Peace, by Dwight Sanderson; Food, Agriculture, and the War, by T. Swann Harding; The Problem of Response to Personality Frustration, by A. L. Porterfield; Community Adjustments in Reservoir-Affected Communities, by R. F. Leonard; World Reconstruction and European Regionalism, by Nicholas Doman; Effects of the War on the Agricultural Working Force and on the Rural-Farm Population, by L. J. Ducoff and others; The Science of Food Management in War and Peace, by T. Swann Harding. If you would like to read any of these articles or to be placed on the circulation list to receive the periodical regularly, please let us know.

SURVEY GRAPHIC: MAGAZINE OF SOCIAL INTERPRETATION seldom publishes articles dealing directly with agriculture. Two recent articles on the work of the U. S. Office of Foreign Relief and Rehabilitation Operations (OFFRO In North Africa and When Freedom Rings) make us more fully aware of the huge task agriculture must perform in order to save the starving millions of the world. Representative articles are Jewish Rights in the Postwar World, The Teacher Shortage, Security in Mexico, Soil, War and Health, Families in Need in Wartime (in America), The Future of Europe, Man Is a Working Animal, D-Day and the Change-Over. If you should like to see this periodical regularly, or to read any of the above articles, we shall gladly send it.

Did you know that THE NEW REPUBLIC comes to the library every week and contains, besides shorts on the new of the week, many articles on contemporary problems? Lately, Will America Go Hungry, Houses of Earth, Who's Behind the Farm Bureau, Freedom from Hunger, and The End of the New Deal have appeared.

NOTICE

Heretofore we have been mailing and allowing you to mail under frank one book even if it weighed more than four pounds. Now we find that U. S. Postal Regulations permit a book weighing over pounds to be mailed under frank only from Washington. Hereafter we people in the field will have to pay postage on a book weighing more than four pounds. Few books weigh that much, so we shall not have to pay postage often.

REQUEST FORM

Date:

Please send publication checked to: Name: _____

Bureau: _____

Location: _____

I should like to have publications or list of references (check which) on the following subjects:

NOTICE:

Books, pamphlets, and periodicals may be borrowed for periods from a week to one month, depending on the type of material and the demand for it. The usual loan period is two weeks for books and bulletins and three days for current periodicals. Waiting lists are maintained and requests are filled in the order received. Requests may be made in person, by telephone, by memo, or by checking NEWSLETTER.

Helen Boyd, Librarian

Elizabeth Price, Assistant

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